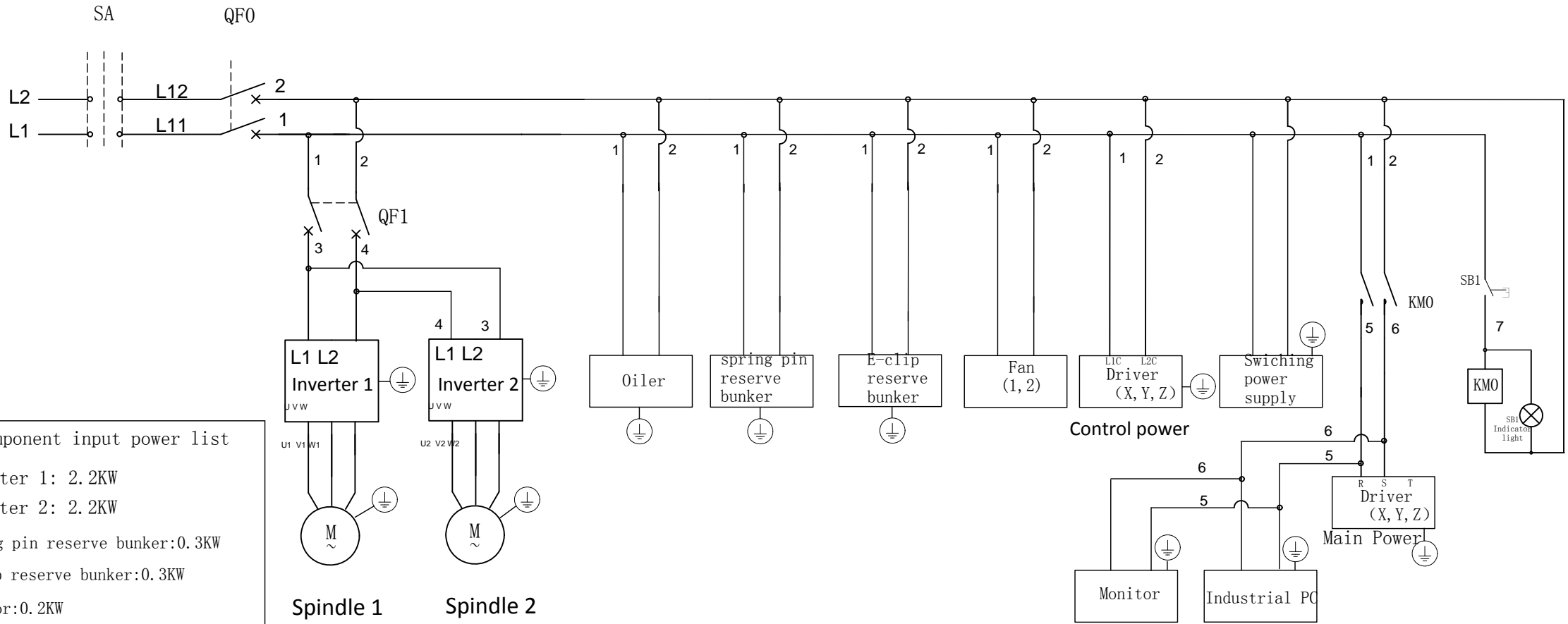


~220V_30A_1 PHASE



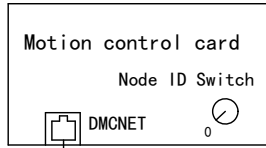
Component input power list	
Inverter 1:	2.2KW
Inverter 2:	2.2KW
Spring pin reserve bunker:	0.3KW
E-clip reserve bunker:	0.3KW
Monitor:	0.2KW
Servo system:	6KW
Switching power supply:	0.88KW
Industrial PC:	0.3KW

Technical request:

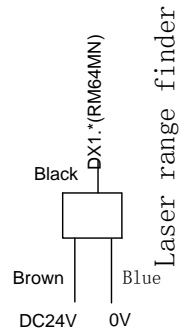
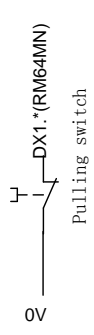
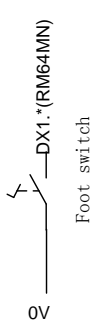
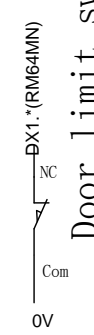
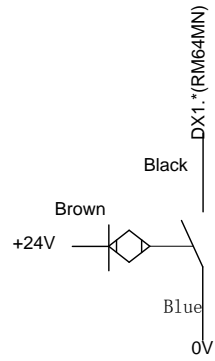
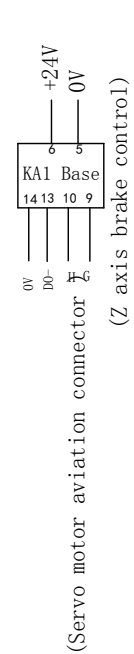
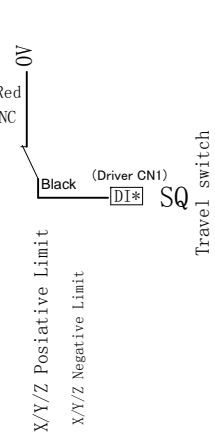
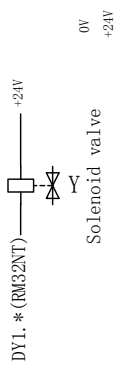
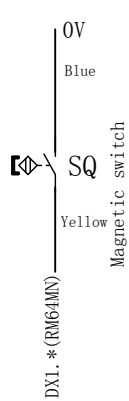
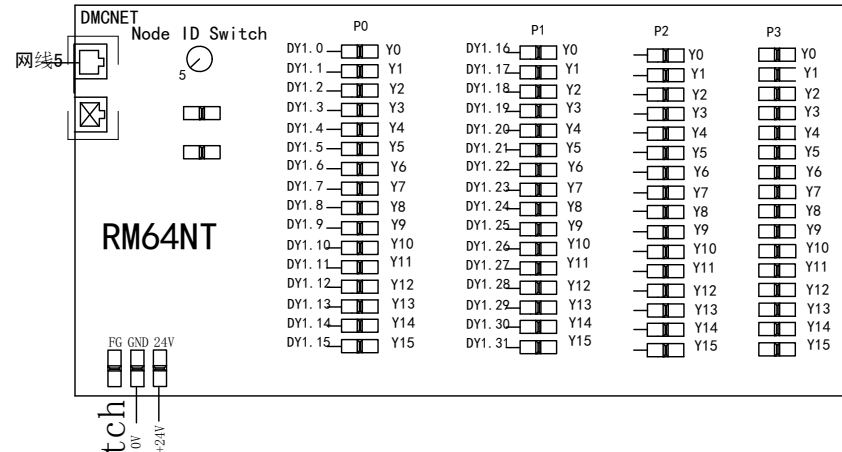
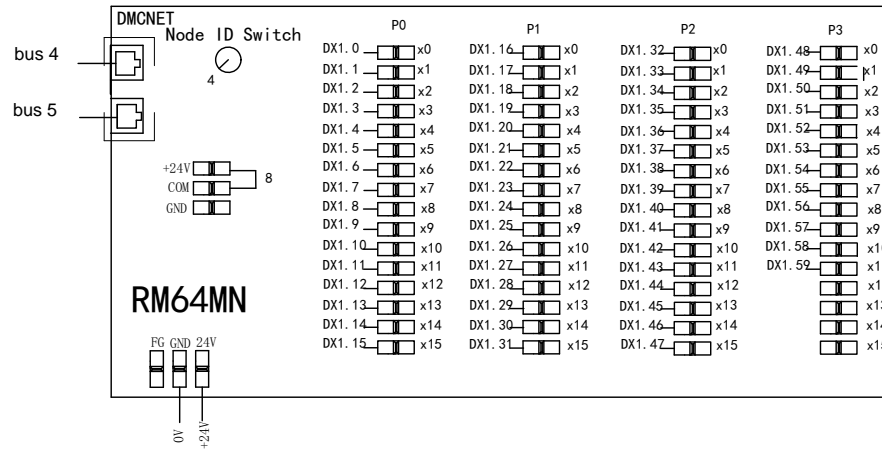
- 1.All of the wire terminal must have a number pipe, and the number pipe must match with circuit diagram;
- 2.All terminal must be installed the related lug;
- 3.All the cables inserted in the plug not allowed expose inner wires,must be firmly and not allowed to loose;
- 4.Spindle cables must be installed the bellows, not allow expose the cables;
- 5.If confuse it,please contact technician soon.

LAGUNA

		Main circuit			
Model		LD4. B			
Design	W.Y.Y.			Scale	CNC drilling machine
Draw	W.Y.Y.				
Check	W.X.D.			1 of 7 pages	Version 4.0
Approve	W.X.D.				



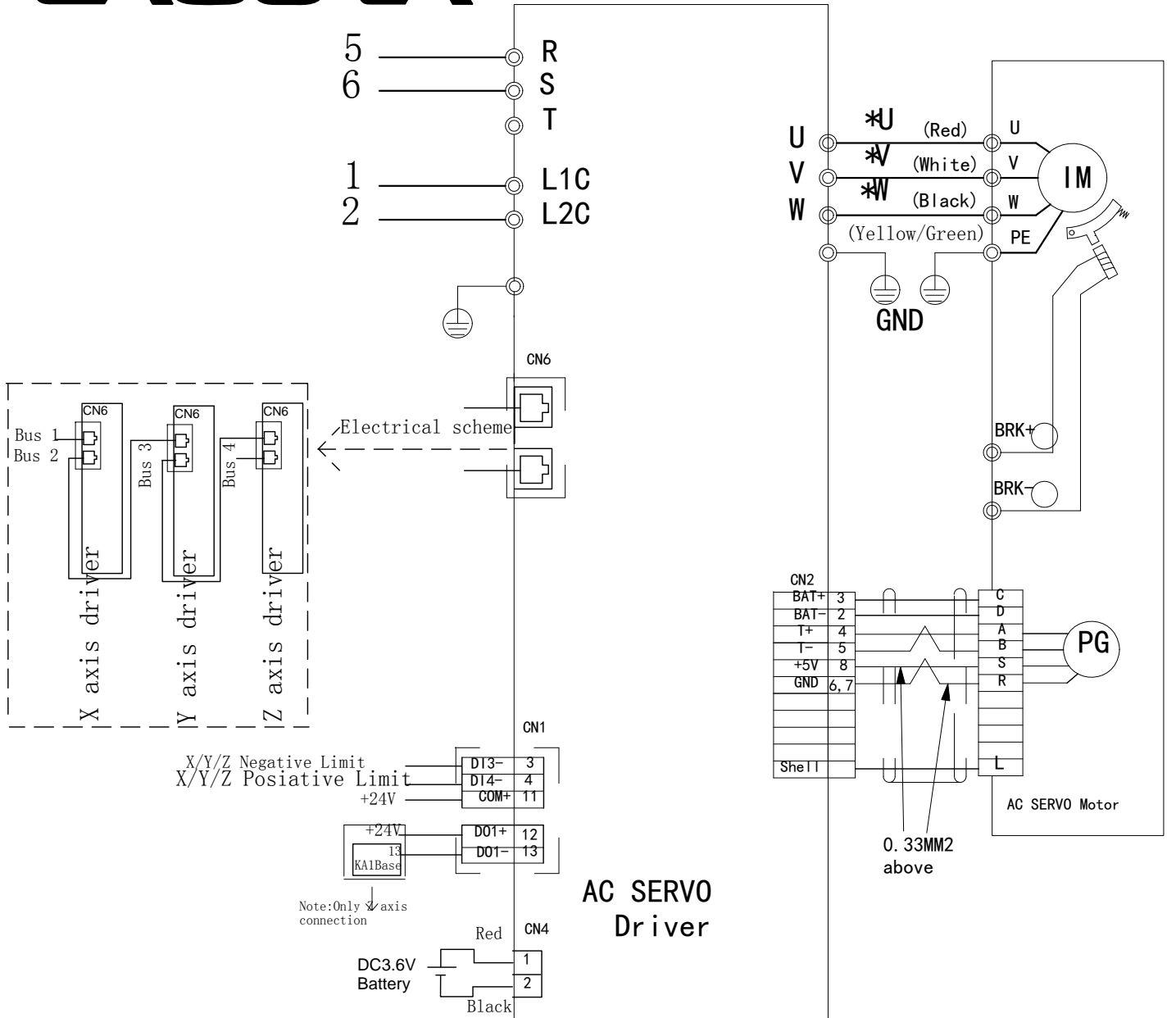
bus1



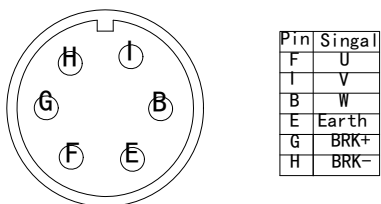
LAGUNA

		Control circuit			
Model		R-S2			
Designer	W.Y.Y.			Scale	CNC drilling machine
Drawer	W.Y.Y.				
Checker	W.X.D.			2 of 7 pages	Version 4.0
Approver	W.X.D.				

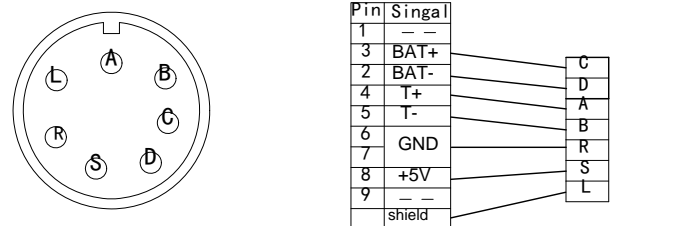
LAGUNA



Motor side power line connection

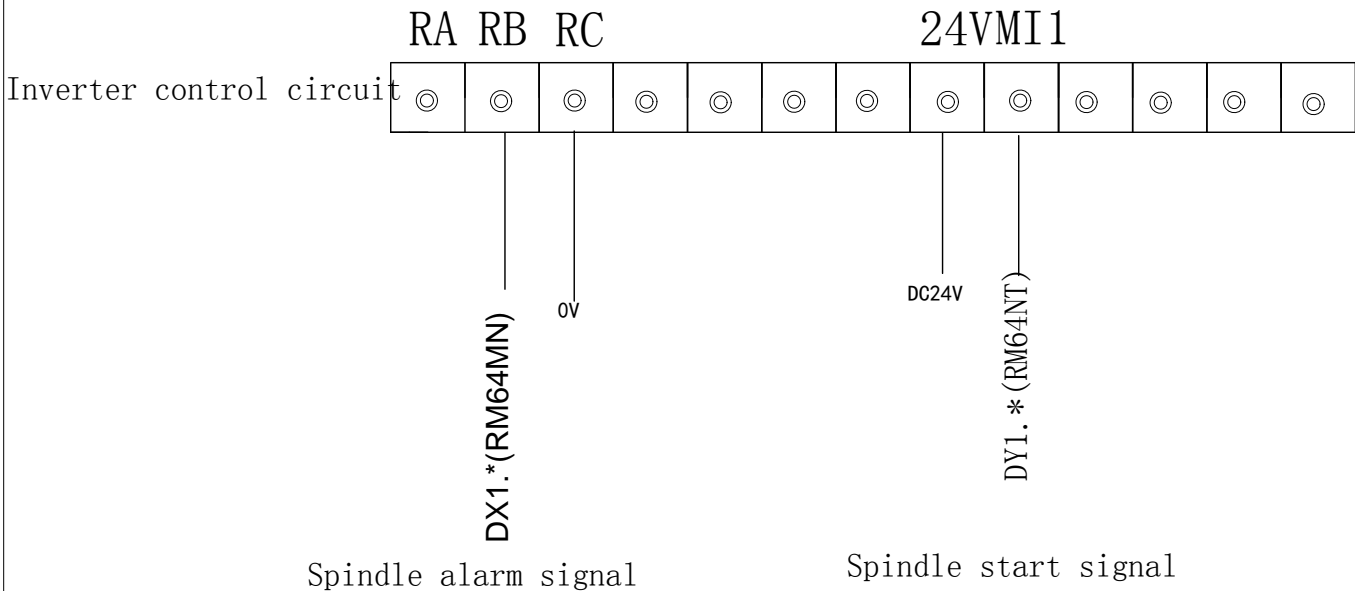
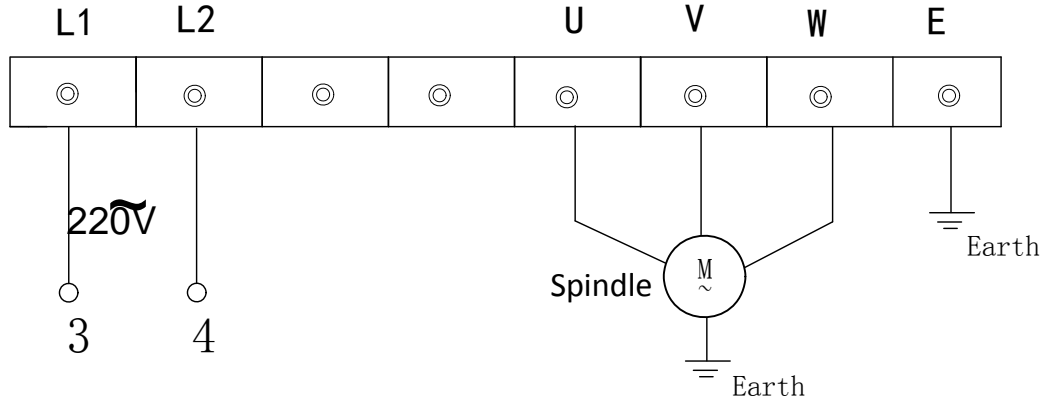


Encoder side connection

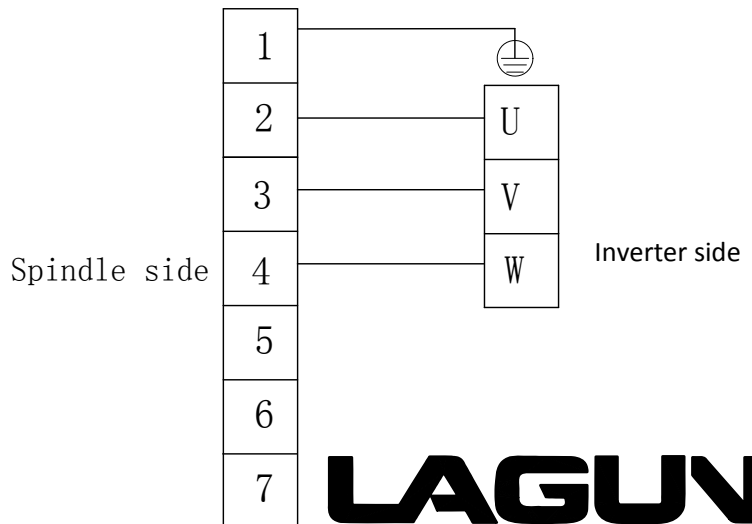
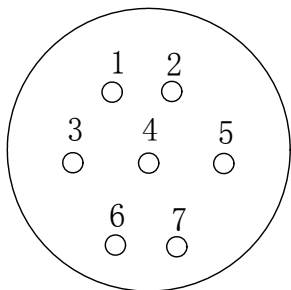


		Servo circuit			
Model		R-S2			
Designer	W.Y.Y.			Scale	CNC drilling machine
Drawer	W.Y.Y.				
Checker	W.X.D.			3 of 7 pages	Version 4.0
Approver	W.X.D.				

VFD main circuit



Spindle connection



		Spindle circuit			
Model		R-S2			
Designer	W.Y.Y.			Scale	CNC drilling machine
Drawer	W.Y.Y.				
Checker	W.X.D.			4 of 7 pages	Version 4.0
Approver	W.X.D.				

Input port	Function
DX1.0	Emergency stop
DX1.1	Undervoltage detection
DX1.2	Pulling switch
DX1.3	Laser detection
DX1.4	Inverter1 alarm
DX1.5	Inverter2 alarm
DX1.6	No.1 foot switch
DX1.7	No.2 foot switch
DX1.8	Mainframe box open detection
DX1.9	Pneumatic components box open detection
DX1.10	The main electric box open detection
DX1.11	No.1 working area pannel detection
DX1.12	No.2 working area pannel detection
DX1.13	No.3 working area pannel detection
DX1.14	No.4 working area pannel detection
DX1.15	No. 1 spindle cylinder back in place
DX1.16	No. 1 spindle cylinder popup in place
DX1.17	No. 2 spindle cylinder back in place
DX1.18	No. 2 spindle cylinder popup in place
DX1.19	Spring pin cylinder back in place
DX1.20	Spring pin cylinder popup in place
DX1.21	E-clip cylinder back in place
DX1.22	E-clip cylinder popup in place
DX1.23	Spring pin pressure cylinder back in place
DX1.24	Spring pin pressure cylinder popup in place
DX1.25	Spring pin overturn cylinder reset
DX1.26	Spring pin overturn cylinder in the place
DX1.27	Spring pin inlet detection
DX1.28	Spring pin channel bottom material detection
DX1.29	Spring pin channel top material detection
DX1.30	Spring pin reserve bunker less material detection
DX1.31	Spring pin reserve bunker assistance less material detection
DX1.32	Spring pin reserve bunker channel bottom material detection
DX1.33	Spring pin reserve bunker channel top material detection
DX1.34	Spring pin reserve bunker outlet cylinder back in place
DX1.35	Spring pin reserve bunker outlet cylinder popup in place
DX1.36	Spring pin reserve bunker inlet cylinder back in place
DX1.37	Spring pin reserve bunker inlet cylinder popup in place
DX1.38	/
DX1.39	/
DX1.40	E-clip separating cylinder back in place
DX1.41	E-clip separating cylinder popup in place
DX1.42	E-clip pressure cylinder back in place
DX1.43	E-clip pressure cylinder popup in place

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	Input port				
Model	R-S2				
Designer	W.Y.Y.			Scale	CNC drilling machine
Drawer	W.Y.Y.				
Checker	W.X.D.			5 of 7 pages	Version 4.0
Approver	W.X.D.				

output port	Function
DY1.0	Middle position cylinder popup enable
DY1.1	Pressure cylinder enable 1
DY1.2	Pressure cylinder enable 2
DY1.3	No. 1 spindle enable
DY1.4	No. 1 spindle cylinder popup enable
DY1.5	Spring pin cylinder popup enable
DY1.6	Spring pin separating cylinder enable
DY1.7	Spring pin overturn cylinder enable
DY1.8	Spring pin overturn cylinder reset enable
DY1.9	Spring pin pressure cylinder enable
DY1.10	Spring pin reserve bunker outlet cylinder enable
DY1.11	Spring pin reserve bunker inlet cylinder enable
DY1.12	Spring pin reserve bunker blowing enable
DY1.13	Spring pin reserve bunker enable
DY1.14	Spring pin reserve bunker assistance enable
DY1.15	No. 2 spindle enable
DY1.16	No. 2 spindle cylinder popup enable
DY1.17	E-clip cylinder popup enable
DY1.18	E-clip separating cylinder enable
DY1.19	E-clip pressure cylinder enable
DY1.20	E-clip reserve bunker outlet cylinder enable
DY1.21	E-clip reserve bunker inlet cylinder enable
DY1.22	E-clip reserve bunker separating cylinder enable
DY1.23	E-clip reserve bunker blowing enable
DY1.24	E-clip reserve bunker enable
DY1.25	E-clip reserve bunker assistance enable
DY1.26	

LAGUNA

	Output port				
Model	R-S2				
Designer	W.Y.Y.			Scale	CNC drilling machine
Drawer	W.Y.Y.				
Checker	W.X.D.			7 of 7 pages	Version 4.0
Approver	W.X.D.				